**Obtaining User Responses
In A Virtual Execution Environment**

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ABSTRACT

10   The invention provides for on-access scanning of archives, such as "ZIP"
files, for files containing viruses or other unwanted characteristics. In particular,
disclosed are various techniques for beginning a scanning operation, and then
monitoring the scanning operation to determine whether it is completing in a reasonable
time. If the scanning operation is taking place within a terminal server type of
environment, such as the Microsoft Terminal Server, where an application program is
15   run in a virtual execution environment, then provision is made to identify client
connections to the server so that error messages (such as denying file access due to a
virus) can be presented to a terminal server client's terminal, rather than at the terminal
server console.

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